

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4349	(709/203-207).CCLS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:38
S2	2614	(709/203).CCLS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:39
S3	7472	((709/203) or (709/217) or (709/238) or (710/20) or (710/36) or (370/230) or (370/235) or (370/260)).CCLS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:41
S4	90563	(("709") or ("710") or ("370")).CLAS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:31
S5	359052	data same transmission	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:29
S6	23469	data same transmission same protocol	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:57
S7	7968	data same transmission same protocols	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:57
S8	4048	data same transmission same protocol same first	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:58
S9	2229	(data same transmission same protocol same first) and (data same transmission same protocol same (second or another))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:58
S10	627	(data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 12:59
S11	240	(data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus" same system)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:05
S12	339	(data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus")	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:00

## EAST Search History

S13	339	((data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus"))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:04
S14	289	((data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus")) and ((consersion or convert\$3 ) with data)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:05
S15	181	(data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus" with system)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:05
S16	38	((data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus" with system)) and ((consersion or convert\$3 ) with data) and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:23
S17	23	((data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus" with system)) and ((consersion or convert\$3 ) with data) and (protocol with converter) and (facility or facilities)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:24
S18	17	((data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus" with system)) and ((consersion or convert\$3 ) with data) and (protocol with converter) and (facility or facilities) and S4	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:25

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S19	13	((data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus" with system with connect)) and ((consersion or convert\$3 ) with data) and (protocol with converter) and (facility or facilities) and S4	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:25
S20	13	((data same transmission same protocol same first) and (data same transmission same protocol same (second or another)) and (protocol same convert\$3) and ("bus" with system with connect)) and ((consersion or convert\$3 ) with data) and (protocol with converter) and (facility or facilities) and S4 and ((send\$3 or transmit\$4 or receiv\$3))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:27
S21	280669	(heating or (air near3 condition\$3) or cool\$3 ) with system	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:28
S22	1296	((heating or (air near3 condition\$3) or cool\$3 ) with system) and ("bus" with system with connect\$3)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:29
S23	0	S20 and S21	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:29
S24	0	S19 and S21	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:29
S25	0	S18 and S21	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:29
S26	1	S17 and S21	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:31
S27	124748	((("709") or ("710") or ("370") or ("700"))).CLAS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:31
S28	1	S16 and S21	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 14:05
S29	10	S15 and S21	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:31

## EAST Search History

S30	1	S15 and S21 and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:32
S31	2	S14 and S21 and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 13:59
S32	46	("20010010032"   "20010039537"   "20020077729"   "20020091784"   "20020116550"   "20020161536"   "20030176952"   "4589075"   "4641248"   "5181026"   "5448229"   "5459459"   "5477216"   "5495239"   "5517423"   "5544089"   "5572438"   "5576700"   "5680324"   "5699276"   "5736847"   "5764155"   "5862391"   "5897607"   "5956220"   "6005759"   "6035285"   "6088659"   "6105093"   "6118269"   "6167389"   "6169979"   "6177884"   "6178362"   "6259972"   "6266713"   "6285917"   "6298376"   "6301527"   "6313752"   "6327541"   "6535797"   "6549880"   "6553418"   "6671635"   "6694270").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:40

## EAST Search History

S33	46	("20010010032"   "20010039537"   "20020077729"   "20020091784"   "20020116550"   "20020161536"   "20030176952"   "4589075"   "4641248"   "5181026"   "5448229"   "5459459"   "5477216"   "5495239"   "5517423"   "5544089"   "5572438"   "5576700"   "5680324"   "5699276"   "5736847"   "5764155"   "5862391"   "5897607"   "5956220"   "6005759"   "6035285"   "6088659"   "6105093"   "6118269"   "6167389"   "6169979"   "6177884"   "6178362"   "6259972"   "6266713"   "6285917"   "6298376"   "6301527"   "6313752"   "6327541"   "6535797"   "6549880"   "6553418"   "6671635"   "6694270").PN. OR ("6792337").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:40
S34	0	S32 and S29	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:41
S35	5	S32 and S21	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:41
S36	0	S32 and S21 and S13	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:41
S37	0	S32 and S21 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:41
S38	0	S32 and S21 and S11	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:41
S39	0	S32 and S21 and S10	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:41
S40	1	S32 and S21 and S9	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:42
S41	1	S32 and S21 and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:42

## EAST Search History

S42	0	S32 and S21 and S7	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:42
S43	1	S32 and S21 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:05
S44	2	S32 and S21 and S5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 13:42
S45	3	(protocol with converter) and S32	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 14:00
S46	2643	"LON"	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 14:00
S47	179652	"LON" with protocol	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 14:00
S48	46	"LON" with protocol	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 14:03
S49	2	(protocol with converter) and S48	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 14:00
S50	2	"LON" with protocol and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/13 14:04
S51	24695	data same transmission same protocol	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:29
S52	3356	(data same transmission same protocol) and ((second or another)same data same transmission same protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:30
S53	2328	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:30
S54	2328	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:30
S55	117	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:31

## EAST Search History

S56	40	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:32
S57	5	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:33
S58	93289	((("709") or ("710") or ("370")). CLAS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:33
S59	3	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and S58	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:44
S60	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and S58 and (air same condition\$3)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:45
S61	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and S58 and ((air same condition\$3)or heating)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:45
S62	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and S58 and ((air same condition\$3)or heating or cooling)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:46

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S63	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:46
S64	7	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:57
S65	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling)and (first same data same transmission same protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:47
S66	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling)and ( data same transmission same protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:47
S67	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling)and ( transmission same protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:47
S68	0	(first same data same transmission same protocol) and ((second or another)same data same transmission same protocol) and (protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling)and ( protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:47



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S69	0	(first same data same transmission same protocol) and ((second or another) same data same transmission same protocol) and (protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:47
S70	7	(protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling) and data	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:57
S71	6	(protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling) and data and (transmi\$5)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:58
S72	6	(protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling) and (data same(transmi\$5))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:59
S73	6	(protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling) and (data with(transmi\$5))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:55
S74	2	(protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling) and (data with(transmi\$5) with protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:39
S75	2	(protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling) and (data with(transmi\$5) same protocol)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:23
S76	0	(protocol with converter) and (bus with system) and ((house or field) with bus) and ((air same condition\$3) or heating or cooling) and (data with(transmi\$5) with protocol same (first or second or another))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:24

## EAST Search History

S77	2	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5) with protocol) and protocol	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:40
S78	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and tcp	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:50
S79	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (tcp or http)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:50
S80	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (tcp or http or lonworks)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:51
S81	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (tcp or http or lonworks or internet)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:56
S82	593	((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and http	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:55
S83	1014	((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (http or tcp or lonworks)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:56
S84	220	((air same condition\$3)or heating or cooling) and ((data with(transmi\$5))same (http or tcp or lonworks))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:58
S85	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (tcp or http or lonworks or internet)and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:56

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S86	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (tcp or http or lonworks or internet)and (protocol with conver\$4)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:56
S87	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (tcp or http or lonworks or internet)and (protocol )	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:57
S88	0	(protocol with converter)and (bus with system) and ((house or field) with bus) and ((air same condition\$3)or heating or cooling) and (data with(transmi\$5)) and (tcp or http or lonworks or internet)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:57
S89	22	((air same condition\$3)or heating or cooling) and ((second same data with(transmi\$5))same (http or tcp or lonworks))	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:58
S90	14	((air same condition\$3)or heating or cooling) and ((second same data with(transmi\$5))same (http or tcp or lonworks)) and internet	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:59
S91	0	((air same condition\$3)or heating or cooling) and ((second same data with(transmi\$5))same (http or tcp or lonworks)) and internet and (protocol with converter)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 16:59
S92	2	((air same condition\$3)or heating or cooling) and ((second same data with(transmi\$5))same (http or tcp or lonworks)) and internet and (protocol same conver\$3)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 17:04
S93	2	((air same condition\$3)or heating or cooling) and (((second or another) same data with(transmi\$5))same (http or tcp or lonworks)) and internet and (protocol same conver\$3)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 17:05

## EAST Search History

S94	2	((air same condition\$3)or heating or cooling) and (((second or another) same data with(transmi\$5))same (http or tcp or lonworks)) and internet and (protocol same conver\$3) and protocol and conver\$3	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 17:09
S95	0	((air same condition\$3)or heating or cooling) and (((second or another) same data with(transmi\$5))same (http or tcp or lonworks)) and internet and (protocol same conver\$3) and protocol and conver\$3 and mail	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 17:10
S96	0	((air same condition\$3)or heating or cooling) and (((second or another) same data with(transmi\$5))same (http or tcp or lonworks)) and internet and (protocol same conver\$3) and protocol and conver\$3 and fax	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 17:10
S97	0	((air same condition\$3)or heating or cooling) and (((second or another) same data with(transmi\$5))same (http or tcp or lonworks)) and internet and (protocol same conver\$3) and protocol and conver\$3 and fascimile	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 17:10
S98	2	"6891838".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/03 16:30